

Graphing Linear Equations

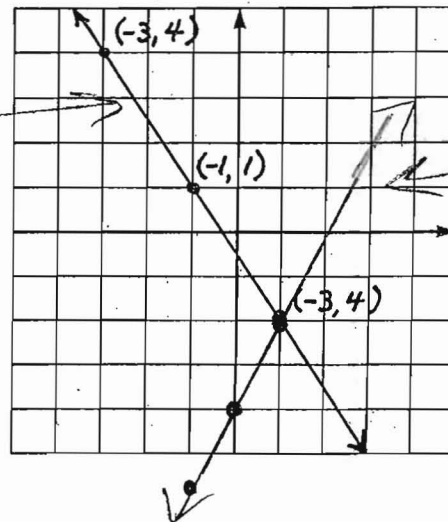
Name _____

Date _____ Period _____

Graph two equations on each grid.

1. $3x + 2y = -1$

x	y
1	-2
-1	1
-3	4



2. $2x - y = 4$

x	y
-1	-6
0	-4
1	-2

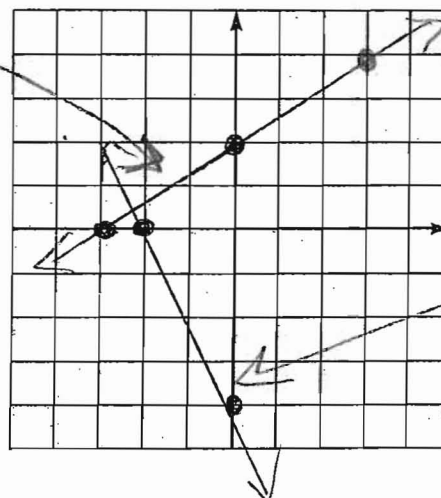
$$\begin{aligned} 2 - y &= 4 \\ -y &= 2 \\ y &= -2 \\ -2 - y &= 4 \\ -y &= 6 \end{aligned}$$

3. $2x - 3y = -6$

x	y
-3	0
0	2
3	4

$-3y = -6$

$$\begin{aligned} -6 - 3y &= -6 \\ -3y &= 0 \\ 6 - 3y &= -6 \\ -3y &= -12 \end{aligned}$$



4. $4x + 3y = -8$

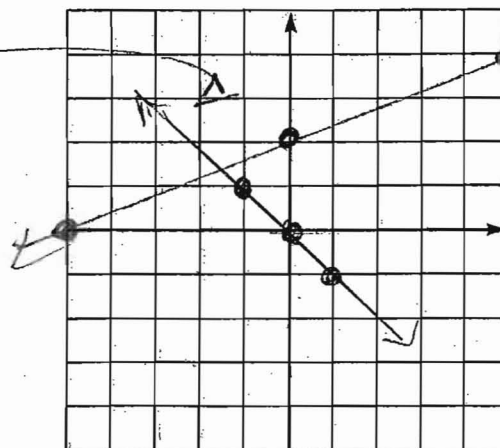
x	y
-2	0
1	-4
4	-8

5. $x + y = 0$

x	y
-1	1
0	0
1	-1

6. $2x - 5y = -10$

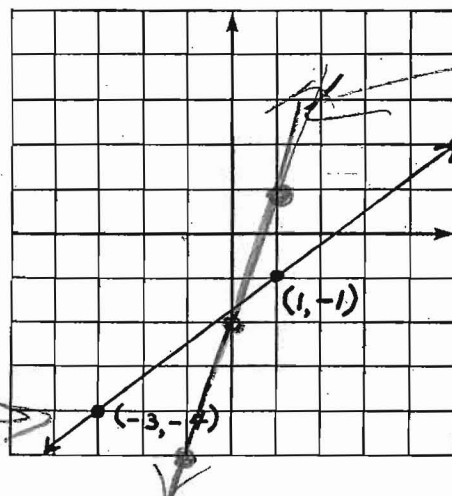
x	y
0	2
-5	0
5	4



Graph two equations on each grid.

1. $3x - 4y = 7$

x	y
1	-1
-3	-4
5	2

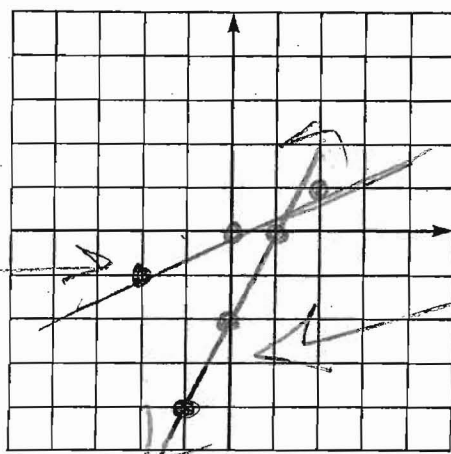


2. $3x - y = 2$

x	y
-1	-5
0	-2
1	1

3. $x + 2y = 0$

x	y
-2	-1
0	0
2	1

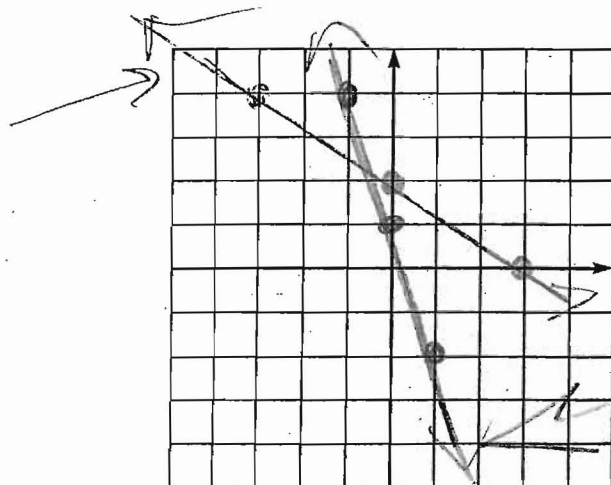


4. $2x - y = 2$

x	y
-1	-4
0	-2
1	0

5. $2x + 3y = 6$

x	y
-3	4
0	2
3	0



6. $3x + y = 1$

x	y
-1	4
0	1
1	-2